



12-9-04

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Attorney's Docket No.: 17111-009001 /2309

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hubert Köster, Ph.D. et al. Art Unit : 1641
Serial No. : 10/760,085 Examiner : Unknown
Filed : January 16, 2004 Conf. No.: 8019 Customer No.: 20985
Title : **CAPTURE COMPOUNDS, COLLECTIONS THEREOF AND METHODS FOR
ANALYZING THE PROTEOME AND COMPLEX COMPOSITIONS**

Mail Stop: Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT IN ACCORDANCE
WITH 37 C.F.R. §§ 1.97-1.98**

Because this Information Disclosure Statement is filed before the receipt of a First Office Action on the Merits for the above-captioned application, a fee for filing this statement should not be due. If, however, it is determined that a fee is due, any fees that may be due in connection with filing this paper may be charged to Deposit Account No. 06-1050.

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 to inform the Patent Office of all references known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§1.97-1.98. Forms PTO-1449 (2 pages) and copies of the cited non U.S. Patent documents are provided herewith.

The documents cited on the Forms PTO-1449 are in the English language. Hence, in accordance with the requirements of 37 C.F.R. §1.98, as amended effective March 16, 1992, no further explanation of the listed items is necessary.

Applicant also makes known to the Examiner the following pending, issued and published U.S., and International Applications that have one or more common inventors and/or are commonly owned:

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I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to: Mail Stop Amendment Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.

Stephanie L. Seidman

<u>U.S. App. / (Pub. / Patent) No.</u>	<u>Filing & (Publ. or Issue) Date</u>	<u>Docket No.</u>	
09/067,337 (US2002/0016451)	04/27/98 (02/07/02)	17111-002001	/ 2301
09/484,484 (US/2002/0007048)	01/18/00 (01/17/02)	17111-002002	/ 2301B
09/171,625 (US2003/0194741)	10/19/98 (10/16/03)	17111-003US1	/ 2302US
10/211,073 (US2003/0054410)	07/31/02 (03/20/03)	17111-003US2	/2302BUS
10/197,954 (US2003/0119021)	07/16/02 (06/26/03)	17111-004001	/ 2305
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09/023,992	02/13/98	17111-006001	/ 2306
09/601,970 (6,803,194)	08/09/00 (10/12/04)	17111-006US1	/ 2306US
10/244,715 (US2003/0087288)	09/16/02 (05/08/03)	17111-006US2	/ 306BUS
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09/200,013	11/25/98	17111-007003	/ 2307C
09/601,997	12/15/00	17111-007US1	/ 2307US
10/014,731	12/11/01	17111-008001	/ 2308

<u>Int'l Appln. / (Pub.) No.</u>	<u>Filing / Pub. Date</u>	<u>Docket No.</u>	
PCT/US97/06509 (WO 97/41139)	04/17/97 (11/06/97)	17111-003WO1	/2302PC
PCT/US99/08939 (WO 99/55718)	04/26/99 (11/4/99)	17111-002WO1	/2301PC
PCT/US02/22821 (WO 03/092581)	07/16/02	17111-004WO1	/2305PC
PCT/US03/07479 (WO 03/077851)	03/11/03	17111-004WO3	/2305CPC
PCT/US99/03166 (WO 99/41371)	02/12/99 (08/19/99)	17111-006WO1	/2306PC
PCT/US98/27942 (WO 99/32618)	12/18/98 (07/01/99)	17111-007WO1	/2307PC
PCT/US01/48023 (WO 02/048403)	12/11/01	17111-008WO1	/2308PC
PCT/US04/01037	01/16/04	17111-009WO1	/2309PC

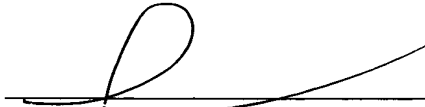
Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the references, singly or in any combination thereof, is effective as prior art against the subject application. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Applicant : Hubert Köster, Ph.D. et al.
Serial No. : 10/760,085
Filed : January 16, 2004
Information Disclosure Statement
Page : 3 of 3

Attorney's Docket No.: 17111-009001 / 2309

Applicant respectfully requests that the Examiner review the foregoing references and they be made of record in the file history of the above-captioned application.

Respectfully submitted,

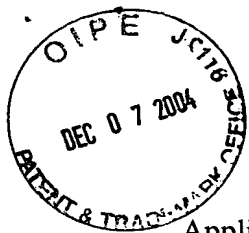


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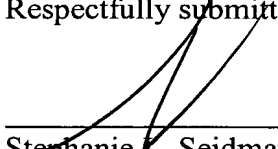
Dear Sir:

Transmitted herewith are an Information Disclosure Statement, Form PTO-1449 (2 pages), and cited references for filing in connection with the above-captioned application. Because this Information Disclosure Statement is filed prior to receipt of a first Office Action on the merits for the above-captioned application, a fee for filing this statement should not be due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 06-1050 as stated below:



The Commissioner is hereby authorized to charge the fee for the extension of time and any other fee that may be due in connection with this and the attached papers or with this application during its entire pendency to Deposit Account No. 06-1050. A duplicate of this sheet is enclosed.

Respectfully submitted,


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Attorney Docket No. 17111-009001/2309

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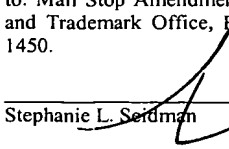
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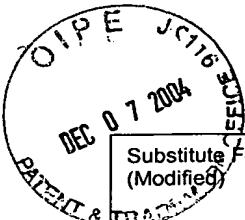
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Stephanie L. Seidman



Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17111-009001 (2309)	Application No. 10/760,085
	Applicant Hubert Köster, Ph.D. et al.		
	Filing Date January 16, 2004	Group Art Unit 1641	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,770,625	06/23/98	Nakanishi et al.	514	616	07/14/94
	AB	5,812,272	06/22/98	King et al.	356	445	01/30/97
	AC	5,922,617	07/13/99	Wang et al.	436	518	11/12/97
	AD	6,329,209	12/11/01	Wagner et al.	436	518	07/14/99
	AE	6,391,649	05/21/02	Chait et al.	436	173	05/04/99
	AF	6,629,040	09/30/03	Goodlett et al.	702	23	03/20/00
	AG	6,670,194	12/30/03	Aebersold et al.	436	173	08/25/99
	AH	2002/0076739	06/20/02	Aebersold et al.	435	7.92	04/20/01
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	AJ	2002/0168644	11/14/02	Aebersold et al.	435	6	05/14/01
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	AM	2004/0033625	02/19/04	Aebersold et al.	436	518	06/04/03

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AN	01/18234	03/15/01	PCT				
	AO	01/18627	03/15/01	PCT				
	AP	02/063271	08/15/02	PCT				
	AQ	02/071066	09/12/02	PCT				
	AR	03/064704	08/07/03	PCT				
	AS	2004/008151	01/22/04	PCT				
	AT	97/37953	10/16/97	PCT				
	AU	97/40385	10/30/97	PCT				
	AV	98/06874	02/19/98	PCT				
	AW	99/02733	01/21/99	PCT				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AX	Aebersold, R. and B.F. Cravatt, "Proteomics – advances, applications and the challenges that remain," Trends in Biotechnology 20(12): S1-S2 (2002)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17111-009001 (2309)	Application No. 10/760,085
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Hubert Köster, Ph.D. et al.	
		Filing Date January 16, 2004	Group Art Unit 1641

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AY	Aebersold, R. and M. Mann, "Mass spectrometry-based proteomics," Nature 422: 198-206 (2003)
	AZ	Brunner et al., "3-trifluoromethyl-3-phenyldiazirine: a new carbene generating group for photolabelling reagents," The Journal of Biological Chemistry 255(8): 3313-3318 (1980)
	BA	Budavari et al., The Merck Index, 11 th Edition, Merck & Co., Inc. page 192 and 706 (1989)
	BB	Dormán et al., "Chemical library approaches to target validation in the post-genomic era," Current Drug Discovery, October, pp. 21-24 (2001)
	BC	Dormán et al., "Using photolabile ligands in drug discovery and development," Trends in Biotechnology 18:64-77 (2000)
	BD	Fang et al., "A bifunctional photoaffinity probe for ligand/receptor interaction studies," J. Am. Chem. Soc. 120: 8543-8544 (1998)
	BE	Flory et al., "Advances in quantitative proteomics using stable isotope tags," Trends in Biotechnology 20(12): S23-S29 (2002)
	BF	Geysen et al., "Isotope or Mass Encoding of Combinatorial Libraries," Chemistry and Biology, 3: 679-688 (1996)
	BG	Griffin et al., "Advances in proteome analysis by mass spectrometry," The Journal of Biological Chemistry 276(49): 45497-45500 (2001)
	BH	Griffin et al., "Toward a high-throughput approach to quantitative proteomic analysis: expression-dependent protein identification by mass spectrometry," J. Am. Soc. Mass. Spectrom. 12: 1238-1246 (2001)
	BI	Gygi et al., "Proteome analysis of low-abundance proteins using multidimensional chromatography and isotope-coded affinity tags," Journal of the Proteome Research 1: 47-54 (2002)
	BJ	Gygi et al., "Quantitative Analysis of Complex Protein Mixtures Using Isotope-Coded Affinity Tags," Nature Biotechnology 17:994-999 (1999)
	BK	Hagenstein et al., "Affinity-based tagging of protein families with reversible inhibitors: a concept for functional proteomics," Angew. Chem. Int. Ed. 42: 5635-5638 (2003)
	BL	Hatanaka et al., "A rapid and efficient method for identifying photoaffinity biotinylated sites within proteins," J. Am. Chem. Soc. 120: 453-454 (1998)
	BM	Hatanaka, Y. and Y. Sadakane, "Photoaffinity labeling in drug discovery and developments: chemical gateway for entering proteomic frontier," Current Topics in Medicinal Chemistry 2: 271-288 (2002)
	BN	Jeffery, D.A. and M. Bogyo, "Chemical proteomics and its application to drug discovery," Current Opinion in Biotechnology 14: 87-95 (2003)
	BO	Lin et al., "Design and synthesis of a novel photoaffinity taxoid as a potential probe for the study of paclitaxel-microtubules interactions," Tetrahedron Letters 41:4287-4290 (2000)
	BP	Nesnas et al., "Synthesis of biotinylated retinoids for cross-linking and isolation of retinol binding proteins," Tetrahedron 58:6577-6584 (2002)
	BQ	Rühl et al., "A trifunctional reagent for photoaffinity labeling," Tetrahedron Letters 41: 4555-4558 (2000)
	BR	Rühmann et al., "Synthesis and characterization of a photoactivatable analog of corticotrophin-releasing factor for specific receptor labeling," Proc. Natl. Acad. Sci. USA 93:10609-10613 (1996)
	BS	Souto et al., "Synthesis of a photoaffinity-labeled (11Z)-retinal: identification of retinol/rhodopsin cross-linked sites along the visual-transduction path," Helvetica Chimica Acta 83:2617-2628 (2000)
	BT	Zhou et al., "Quantitative proteome analysis by solid-phase isotope tagging and mass spectrometry," Nature Biotechnology 19: 512-515 (2002)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	